MICHAEL MILIC

Software Developer

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EXPERIENCE

DevOps Intern
Department of National Defence

📅 May 2020 – Ongoing   📍 Canada

- Assembled, configured, and programmed ethernet and serial network for more efficient and organized communication Python, Networking)
- Deployed log files to Elastic server and visualized using Kibana (ELK, Python, Networking, Docker)
- Communicate with team and participated in code reviews (Gitlab,Python, Git)

Web Developer
Comboosters

📅 June 2020 – Present   📍 Vancouver BC, Canada

- Designed the sign up page where users can be added, verified, authorized, and payments can be processed (React, Firebase, Stripe, Flask, Python, Javascript, Git, Bitbucket)

Embedded Software Developer
Advanced Intelligent Systems

📅 Jan 2020 – Sept 2020   📍 Burnaby, Canada

- Responsible for creating wireless Zigbee network to monitor the robot's battery level (wireless networks, Python, ROS, Zigbee)
- Given the responsibility of managing the AIS's entire microcontroller repository (Jira, Confluence, Git, Bitbucket)
- to work in a start up work environment, learned to adapt quickly and prioritize

PROJECTS

Smart Traffic LiDar
5G Hackathon

📅 April 2020   📍 Vancouver Canada

- Using LiDar data and keeping in mind benefits of 5G networks, an algorithm was developed to predict traffic light timing based off pedestrian and traffic density Python, Pandas). Web App was built to visualize the algorithm using Typescript.
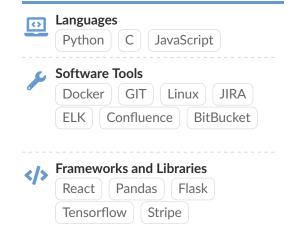
BEAR UBC Engineering Team
FSR Sub Team Lead

📅 Jan 2019– Nov 2019   📍 Vancouver Canada

- Developed a machine learning classifier identify objects with sensor data in real time Python, Pandas, TensorFlow, Arduino).

SKILLS

Languages
Python   C   JavaScript

Software Tools
Docker   GIT   Linux   JIRA   ELK   Confluence   BitBucket

Frameworks and Libraries
React   Pandas   Flask   Tensorflow   Stripe

EDUCATION

Bachelors of Electrical and Computer Engineering
University of British Columbia

📅 Sept 2016 – May 2021

Challenging program with a variety of technical courses centered around existing and emerging technologies. Includes software, firmware, hardware, power electronics, algorithms and data structures, networking, and web development.

AWARDS

Schulich Leader Nominee–2015
Canada Games Triathlon Medalist–2017
UBC Athletics Scholarship–2016,2017,2018

HOBBIES

Sports
Cycling, Running, Swimming, and Triathlon

Games
Call of Duty, Catan